

IFW



Docket No.: R2184.0471/P471
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Takashi Takahashi

(Internat'l. Appln. PCT/JP2005/007269
Filed April 7, 2005)

Application No.: 10/560,247

Art Unit: Not Known

Filed: December 12, 2005

Examiner: Not Known

For: VERTICAL CAVITY SURFACE EMITTING
SEMICONDUCTOR LASER, LIGHT
EMISSION DEVICE, AND OPTICAL
TRANSMISSION SYSTEM

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

U.S. Patent and Trademark Office
Customer Window, Mail Stop PCT
Randolph Building
401 Dulany Street
Alexandria, VA 22314

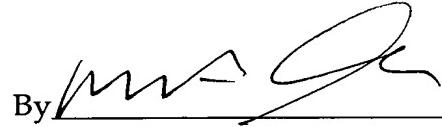
Dear Sir:

Pursuant to 37 C.F.R. § 1.56, the Examiner's attention is directed to the additional references listed on the attached Form PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of the above-captioned application and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. A copy of each foreign-language document is attached, together with an English-language abstract of each document.

This Supplemental Information Disclosure Statement should not constitute an admission that any patent, publication or other information referred to herein is "prior art" unless specifically designated as such. In accordance with 37 C.F.R. § 1.97(g), the filing of this Supplemental Information Disclosure Statement should not be construed to mean that a search has been made. This Supplemental Information Disclosure Statement is believed to be in compliance with 37 C.F.R. § 1.98 and the Examiner is respectfully requested to consider the listed references.

Dated: June 9, 2006

Respectfully submitted,

By 
Mark J. Thronson

Registration No. 33,082
DICKSTEIN SHAPIRO MORIN &
OSHINSKY LLP
2101 L Street NW
Washington, DC 20037-1526
(202) 785-9700

Attorneys for Applicant



PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/560,247
				Filing Date	December 12, 2005
				First Named Inventor	Takashi Takahashi
				Art Unit	Not Known
				Examiner Name	Not Known
Sheet	1	of	2	Attorney Docket Number	R2184.0471/P471

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
DA	US-6,207,973 B1	03/2001	Sato et al.		
DB	US-6,542,528 B1	04/2003	Sato et al.		
DC	US-6,563,851 B1	05/2003	Jikutani et al.		
DD	US-6,614,821 B1	09/2003	Jikutani et al.		
DE	US-6,657,233 B2	12/2003	Sato et al.		
DF	US-6,674,785 B2	01/2004	Sato et al.		
DG	US-6,765,232 B2	07/2004	Takahashi et al.		
DH	US-2004/0228381 A1	11/2004	Jikutani et al.		
DI	US-2004/0233953 A1	11/2004	Sato		
DJ	US-2004/0238832 A1	12/2004	Takahashi et al.		
DK	US-6,829,271 B2	12/2004	Sato et al.		
DL	US-6,856,631 B1	02/2005	Takahashi		
DM	US-2005/0040413 A1	02/2005	Takahashi et al.		
DN	US-6,884,291 B1	04/2005	Jikutani et al.		
DO	US-6,959,025 B2	10/2005	Jikutani et al.		
DP	US-6,974,974 B2	12/2005	Sato et al.		
DQ	US-6,983,004 B2	01/2006	Jikutani et al.		

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
DR	JP 07-249824		09/1995		x*
DS	JP 11-307876		11/1999		x*
DT	JP 11-307880		11/1999		x*
DU	JP 2000-307195		11/2000		x*
DV	JP 2002-185079		06/2002		x*
DW	JP 2002-204039		07/2002		x*

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

*Abstract only.

Examiner Signature	Date Considered
--------------------	-----------------

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO					<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					Application Number	10/560,247
(Use as many sheets as necessary)					Filing Date	December 12, 2005
					First Named Inventor	Takashi Takahashi
					Art Unit	Not Known
					Examiner Name	Not Known
Sheet	2	of	2		Attorney Docket Number	R2184.0471/P471

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		²
	DX	Connie J. Chang-Hasnain, "Injection-Locked VCSELs for Analog and Digital Communication Systems," Technical Report of IEICE, OPE2003-218, LQE2003-155 (2003-12), pp. 25-27		
	DY	Yukihiro Hayashi et al., "A Study on Modulation Instability in Optical Fiber Links with Random Birefringence," Technical Report of IEICE, LQE2003-15 (2003-05), pp. 57-60		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered	
--------------------	-----------------	--